

BookletChart™

Bahia de Fajardo and Approaches

NOAA Chart 25667

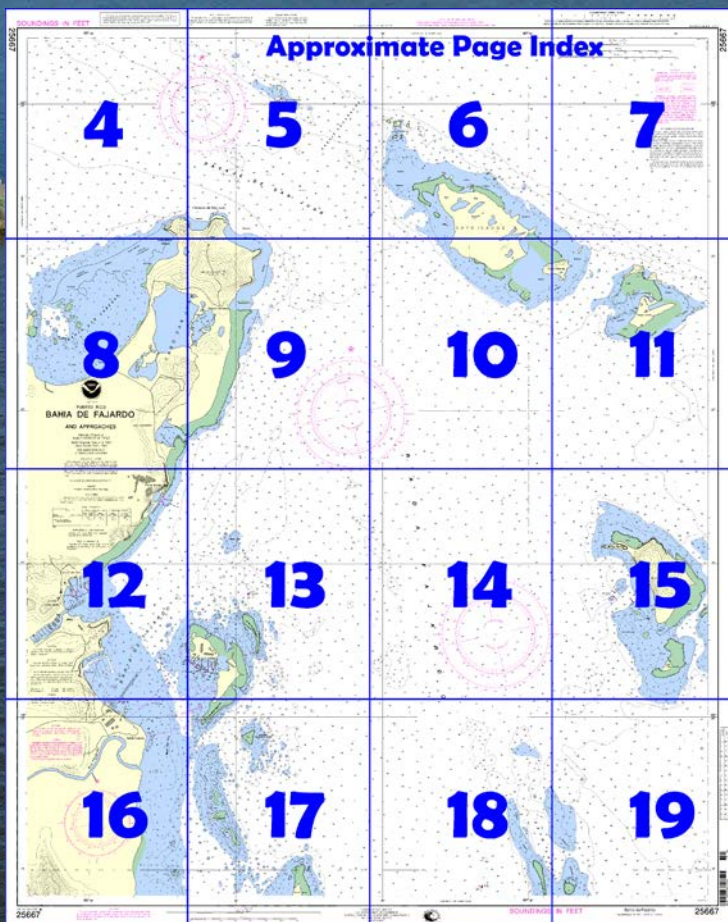


A reduced-scale NOAA nautical chart for small boaters

When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
888-990-NOAA

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

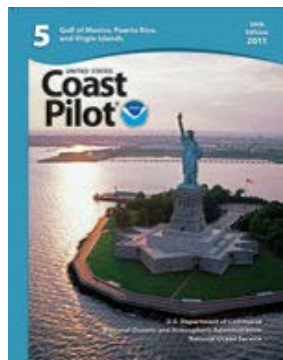
Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=25667>.



(Selected Excerpts from Coast Pilot)

Cabo San Juan, the NE point of Puerto Rico, is a bluff hill 200 feet high. **Cabezas de San Juan**, two 100-foot clifflike heads, are at the N end of the cape. **Cabo San Juan Light** (18°22'54"N., 65°37'06"W.), 260 feet above the water, is shown from a cylindrical tower on the front of a white rectangular dwelling with a black band around the base on the highest part of the cape.

Las Cucarachas, a group of rocks up to 15 feet high, a mile N of Cabo San Juan, lie at

the NW end of the chain. A light is shown from a skeleton tower, with a green and white diamond-shaped daymark, on a cylindrical concrete

base on one of the rocks. A shoal with depths of 14 to 30 feet extends 0.9 mile NW of the light and a rock awash is 0.2 mile from the light. **Pasaje de San Juan**, between Cabo San Juan and Las Cucarachas, is 0.7 mile wide and has depths of 32 to 65 feet. The passage is one of the principal channels leading into Sonda de Vieques.

Los Farallones, a group of rugged bare rocks 30 feet high, are 0.8 mile E of Las Cucarachas. Deep water is close to the N and W sides of the rocks, but a shoal with several bare rocks extends to Cayo Icacos. A reef on which the sea breaks is 0.2 mile S of Los Farallones and continues about 0.4 mile W from the NW end of Cayo Icacos. The W end of the reef should be given a berth of 300 yards or more.

Pasaje Cucaracha, between Las Cucarachas and Los Farallones, is 0.3 mile wide. Depths of 17 to 23 feet extend about 350 yards SE from Las Cucarachas, and a 23-foot spot is 200 yards W of Los Farallones. A **218°** course for Cabo San Juan Light will lead through the passage over a least depth of 36 feet. It is the best passage for sailing vessels entering the NW end of Sonda de Vieques with the usual E trade winds.

Cayo Icacos, 1.3 miles E of Cabo San Juan and the second largest of the chain, is a 40-foot hummocky island. A small wharf and buildings of a former limestone quarry are near the SW point of the island. A prominent tower is in about the center of the island.

Playa Canalejo, 0.2 mile SSE of Cabo San Juan Light, is a shallow indentation leading to the ruins of a small pier.

Punta Gorda, 1.4 miles S of Cabo San Juan Light, is a high head. A 360-foot hill, 0.4 mile WNW from the point, is the N end and highest part of a high ridge which extends SW nearly to Playa de Fajardo. A channel, marked by a light and daybeacons, leads to a small-boat harbor.

Punta Bateria, 2.2 miles S of Cabo San Juan Light, is a rocky 70-foot cliff from which a grassy ridge makes inland.

Bahia de Fajardo, 2.5 miles S of Cabo San Juan Light, affords good shelter for medium-draft vessels. It is somewhat protected on the E and S by two islands and surrounding reefs. Ferry service for both passengers and cargo operates between Playa de Fajardo, Isla de Culebra, Isla de Vieques, and the Virgin Islands. Commercial air transport is available to the Virgin Islands. Small interisland vessels trade in general cargo, building materials, and livestock.

Anchorage.—Large vessels anchor NE of Punta Bateria according to draft. During ordinary weather the protection is fair and the holding ground is good. Small vessels anchor inside the bay on either side of the entrance channel.

The hurricane anchorages for large vessels are Ensenada Honda (Isla de Culebra) and Ensenada Honda, 10 miles S of Fajardo. Small vessels can anchor S of Isleta Marina.

Dangers.—The approaches to Bahia de Fajardo have reefs that usually show breakers and shoals with 7 to 18 feet over them. Inside the bay depths range from 3 to 24 feet.

Bajo Laja, with least depths of 7 to 10 feet over it, lies on the E side of the N entrance and is unmarked.

Arrecife Corona Carrillo and a long reef to the W obstruct the S entrance to the bay. **Bajo del Rio**, a bank with depths of less than 5 feet, extends more than 0.2 mile offshore along the S entrance to the bay.

Currents.—The current velocity is 0.3 knot in the SSE direction on the flood and 1.1 knot in a NNW direction on the ebb in the channel.

Pilotage, Bahia de Fajardo.—See Pilotage, Puerto Rico (indexed as such) early this chapter. A local pilot is available.

U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC New Orleans

Commander

8th CG District

New Orleans, LA

(504) 589-6225

Navigation Managers Area of Responsibility



NOAA's navigation managers serve as ambassadors to the maritime community.

They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit nauticalcharts.noaa.gov/service/navmanagers

To make suggestions or ask questions online, go to nauticalcharts.noaa.gov/inquiry.

To report a chart discrepancy, please use ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx.

Lateral System As Seen Entering From Seaward

on navigable waters except Western Rivers



For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area.

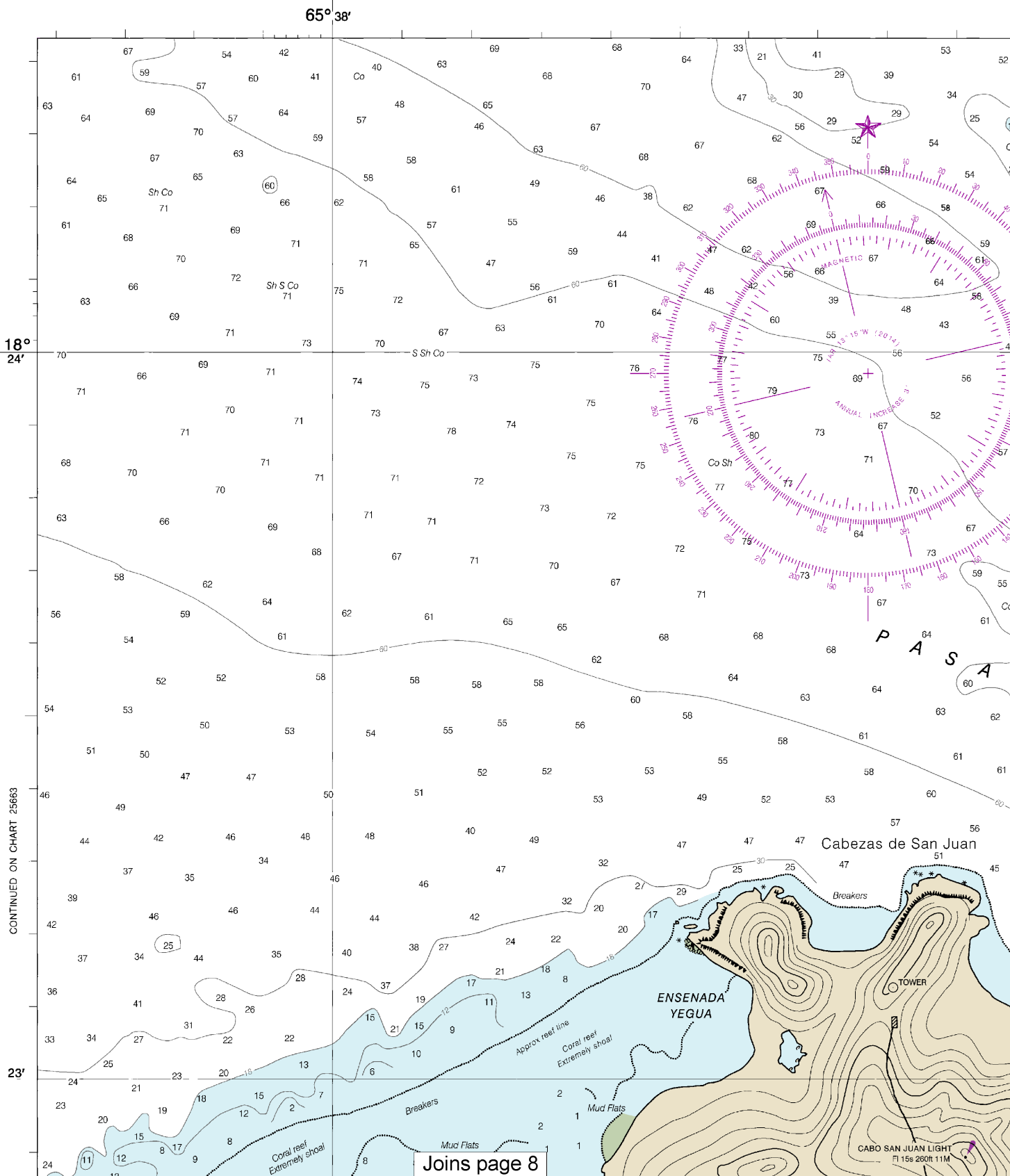
These volumes are available online at <http://www.navcen.uscg.gov>

SOUNDINGS IN FEET

NOAA encourages users to submit inquiries, discrepancies or comments about this chart at <http://www.nauticalcharts.noaa.gov/staff/contact.htm>.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or the Coast Guard facility if telephone communication is not possible (153).

25667



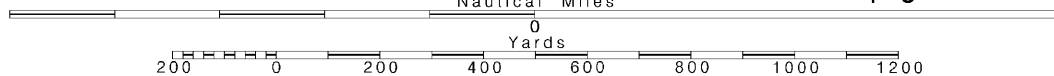
4

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:10,000

See Note on page 5.

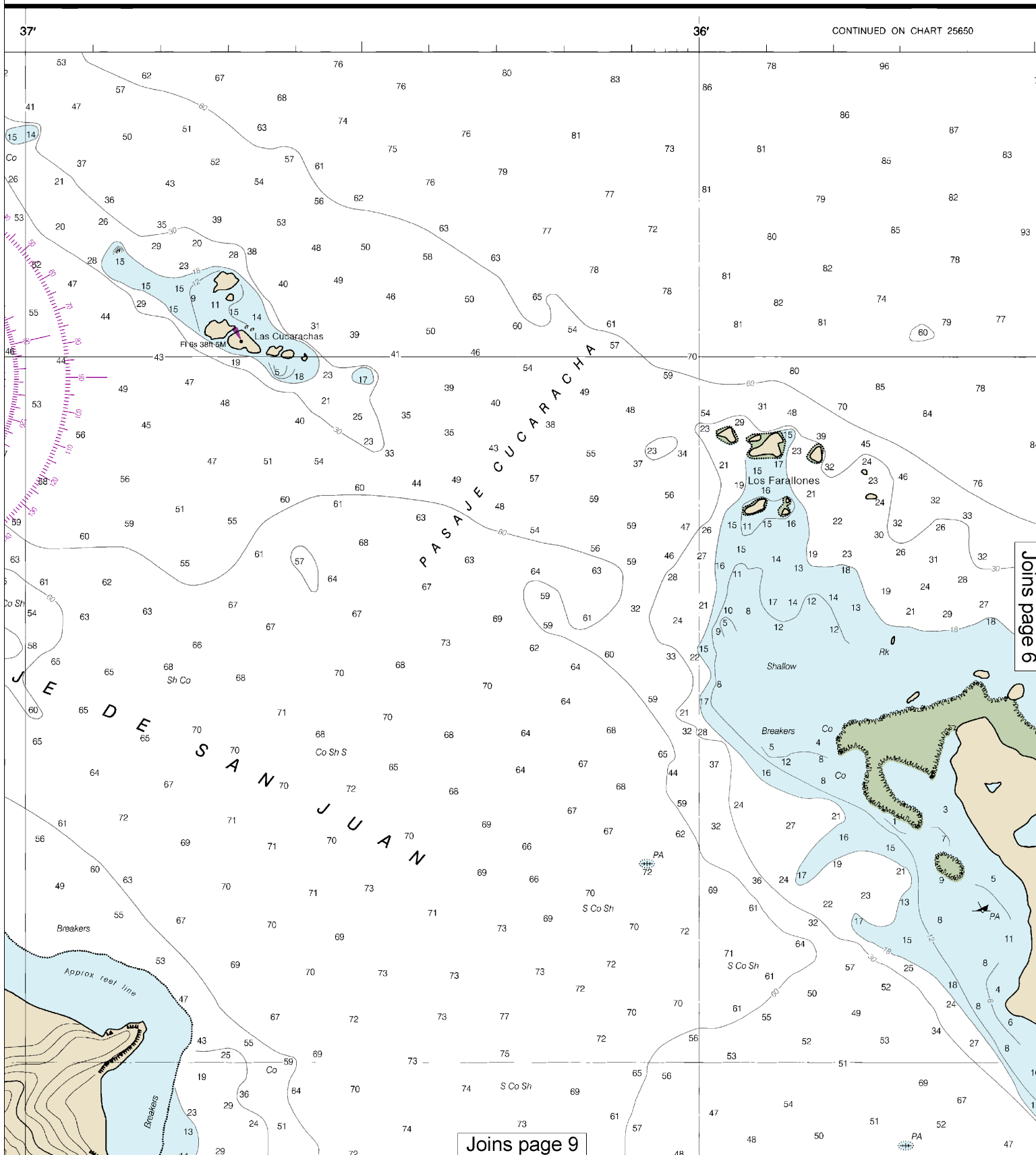


ances to the National
or to the nearest U.S.
is impossible (33 CFR

RADAR REFLECTORS
Radar reflectors have been placed on many
floating aids to navigation. Individual radar
reflector identification on these aids has been
omitted from this chart.

Formerly C&GS 921, 1st Ed., Jan. 1902 KAPP 396

COLREGS, 80.7
International Regulations for Preventing
The entire area of this chart falls seaw

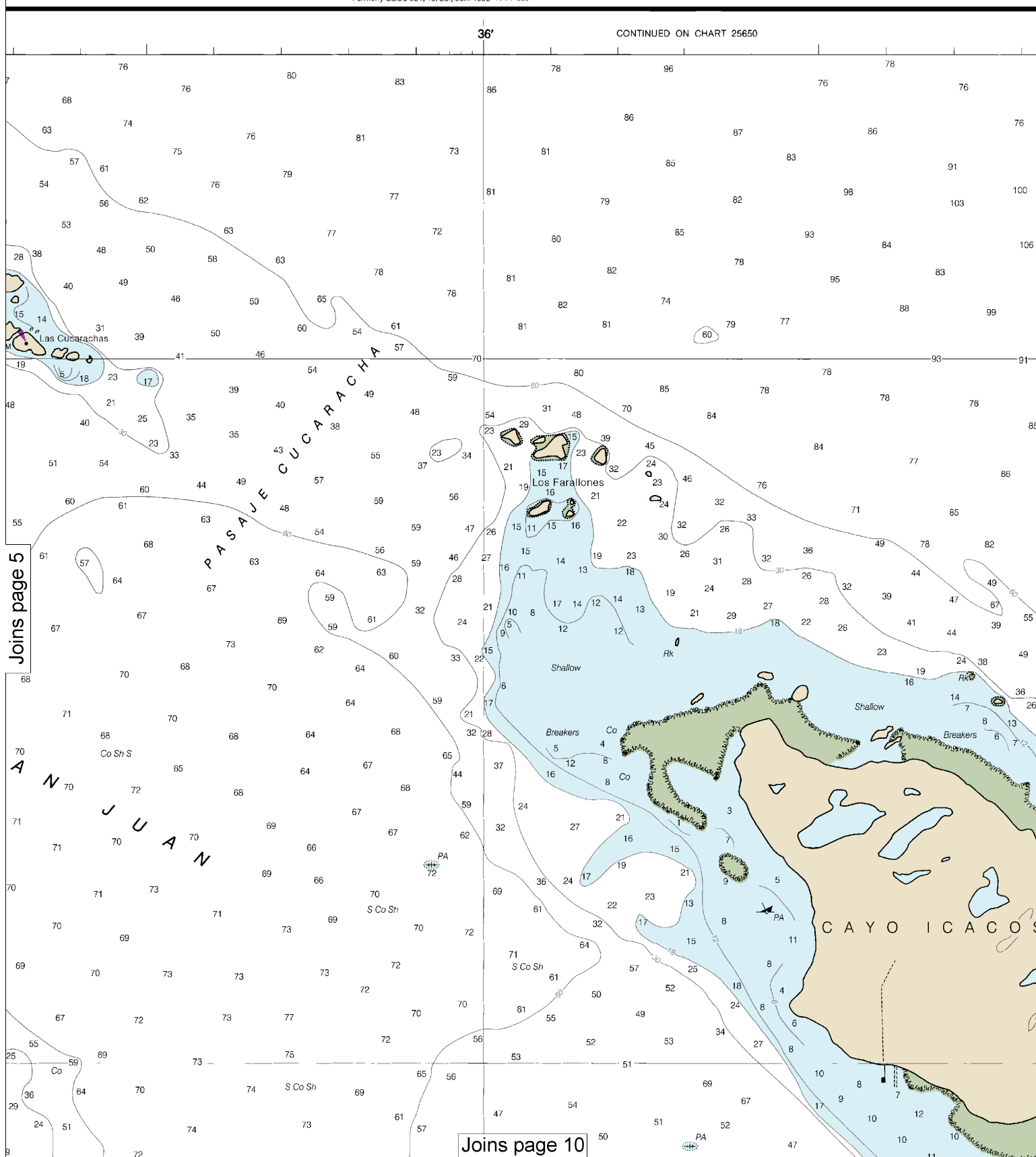


This BookletChart was reduced to 75% of the original chart scale.
The new scale is 1:13333. Barscales have also been reduced and
are accurate when used to measure distances in this BookletChart.

ADAR REFLECTORS
 ctors have been placed on many
 to navigation. Individual radar
 ification on these aids has been
 his chart.

Formerly C&GS 921, 1st Ed., Jan. 1902 KAPP 396

COLREGS, 80.738a (see note A)
 International Regulations for Preventing Collisions at Sea, 1972.
 The entire area of this chart falls seaward of the COLREGS Demarcation Line.



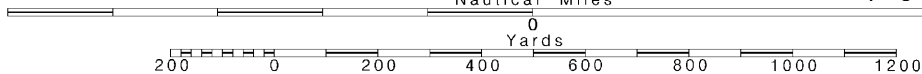
6

Note: Chart grid
 lines are aligned
 with true north.

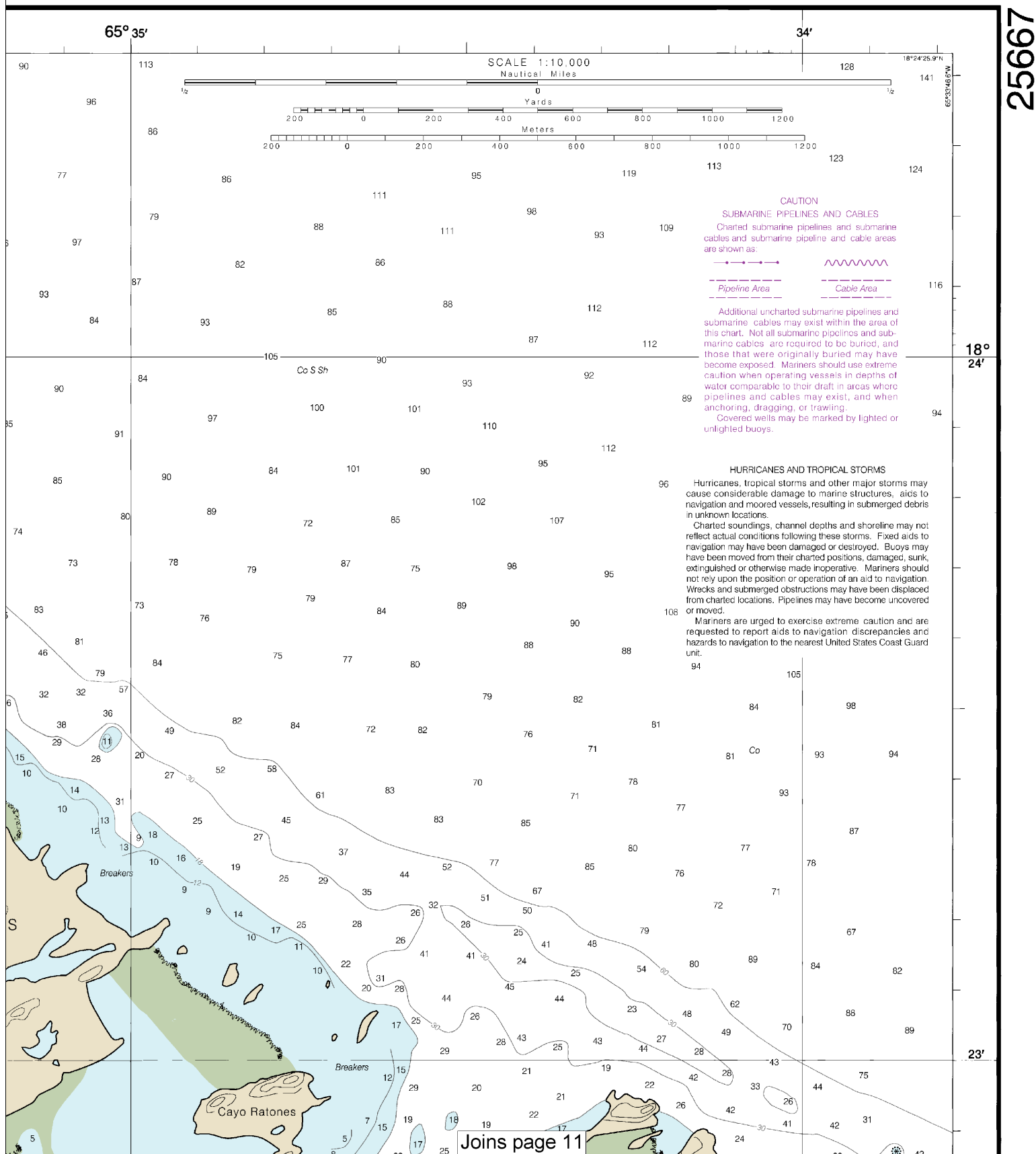
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SCALE 1:10,000

See Note on page 5.



FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

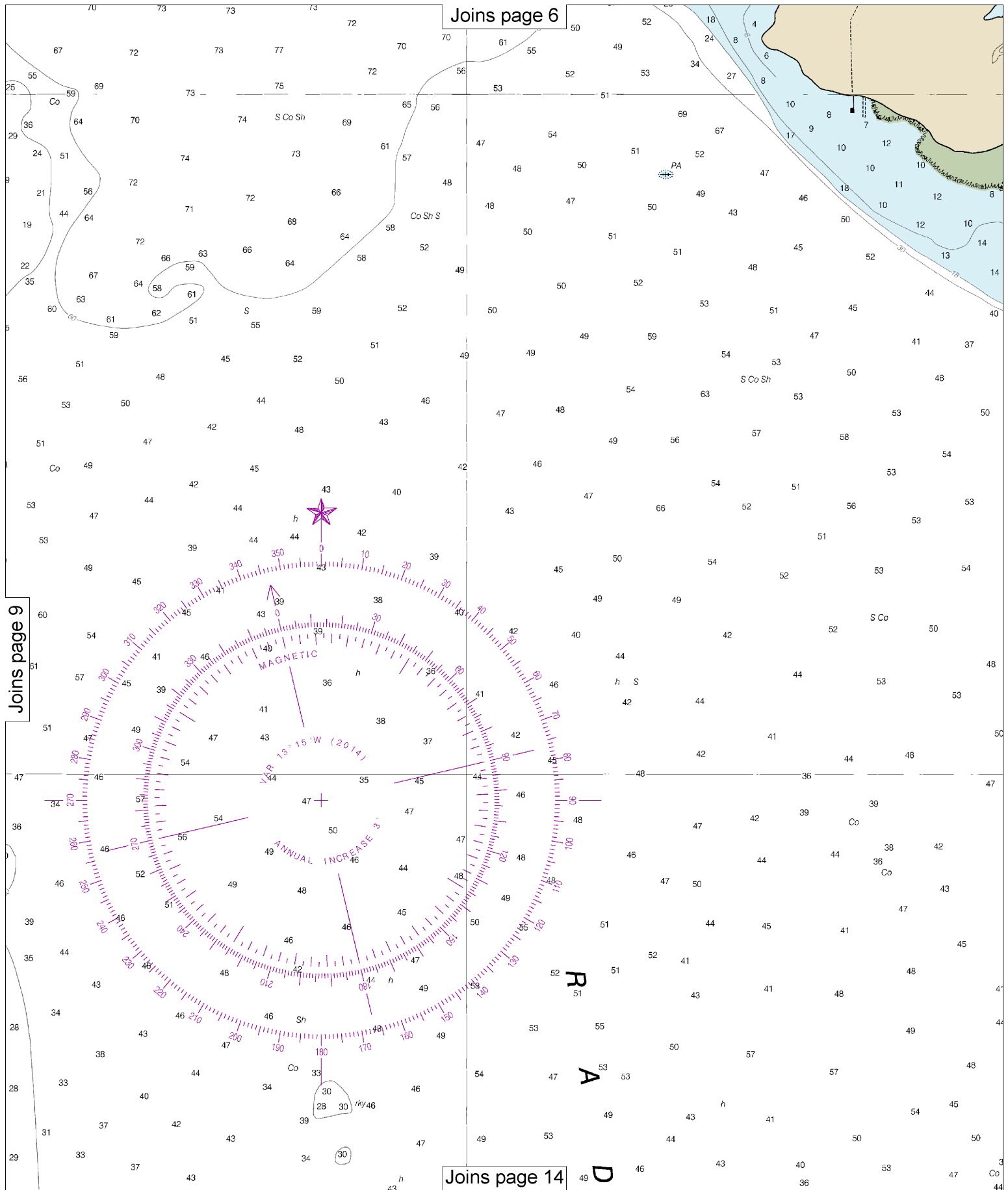


Last Correction: 12/10/2015. Cleared through:
LNM: 2516 (6/21/2016), NM: 2716 (7/2/2016)

Joins page 5

Joins page 10

Joins page 13



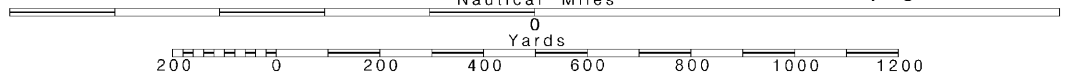
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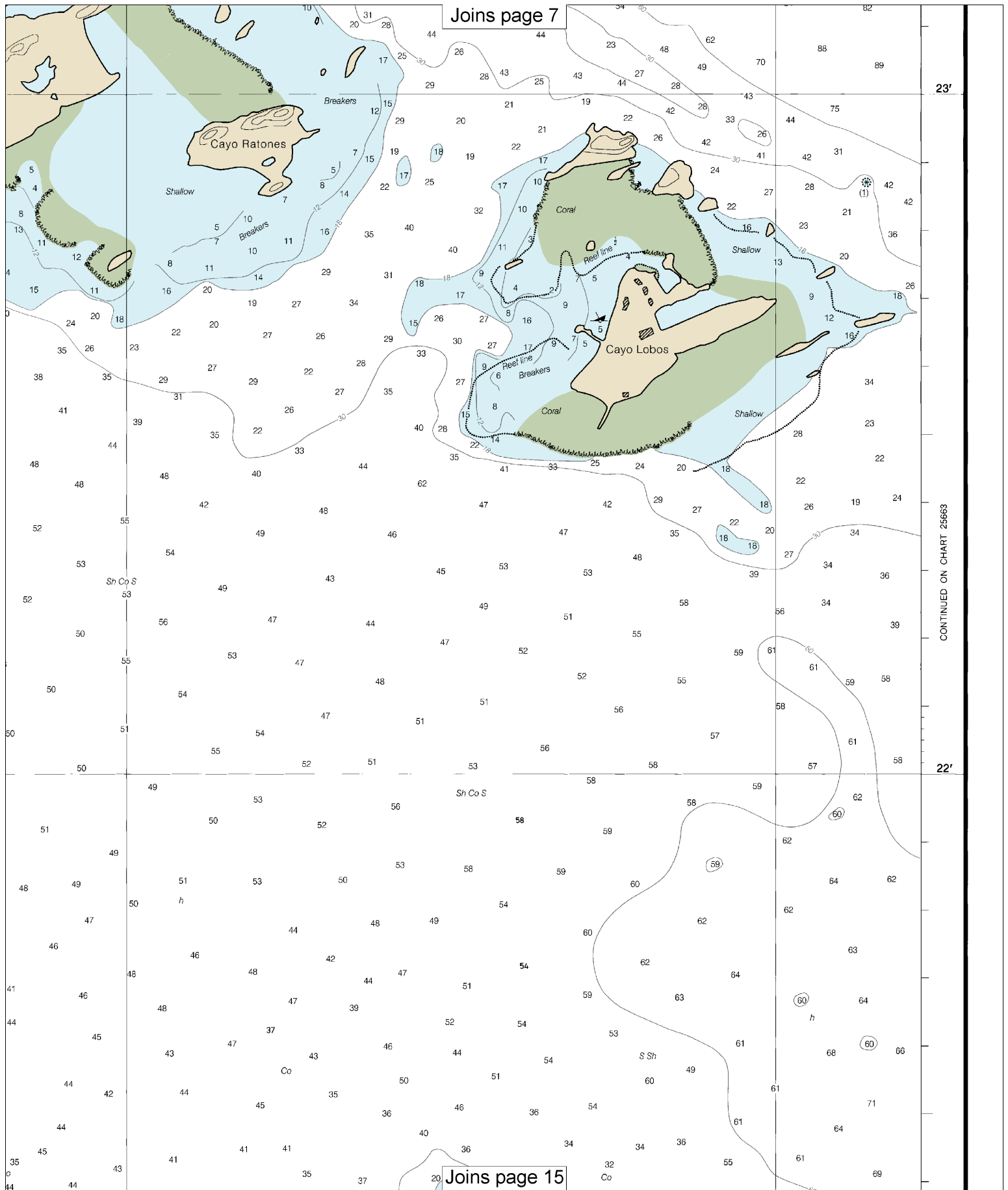
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:10,000

See Note on page 5.





HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, and U.S. Coast Guard.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 5 for important supplemental information.

TIDAL INFORMATION

PLACE	Height referred to datum of soundings (MLLW)		
NAME (LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water
	feet	feet	feet
Playa de Fajardo (18°20'N/65°38'W)	1.5	1.3	0.2

Dashes (- -) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from <http://tidesandcurrents.noaa.gov>.
(Sep 2014)

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the Puerto Rico Datum must be corrected an average of 7.172" southward and 1.419" eastward to agree with this chart.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

21'

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Culebra, PR	WNG-693	162.450 MHz
San Juan, PR	WXJ-69	162.400 MHz

CAUTION

Coral reef limits shown on this chart are approximate and are not necessarily awash at Mean Lower Low Water.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

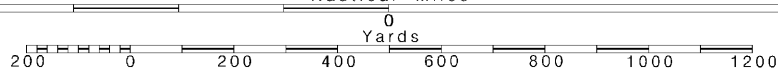
⊙ (Accurate location) ○ (Approximate location)

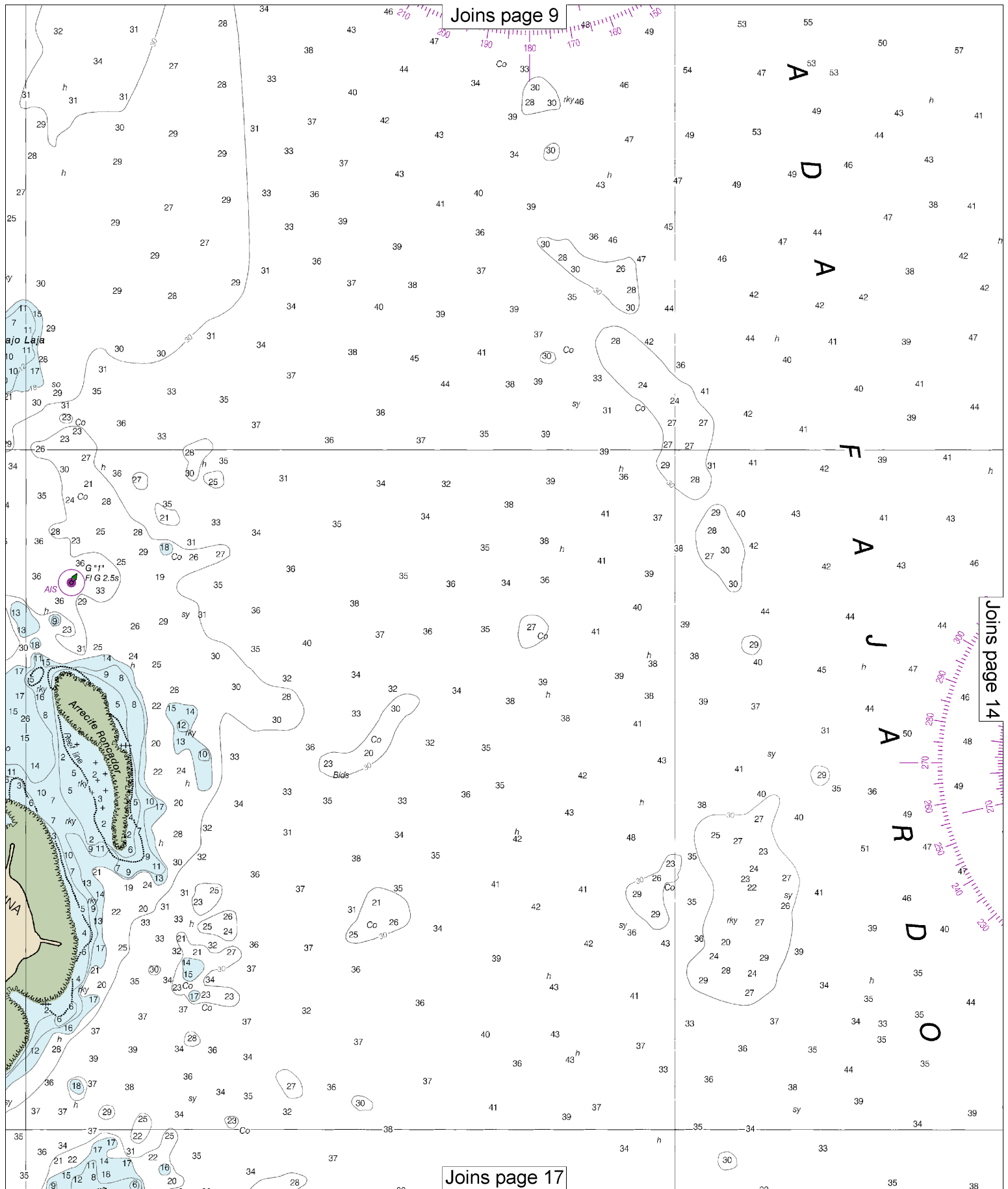
Joins page 16

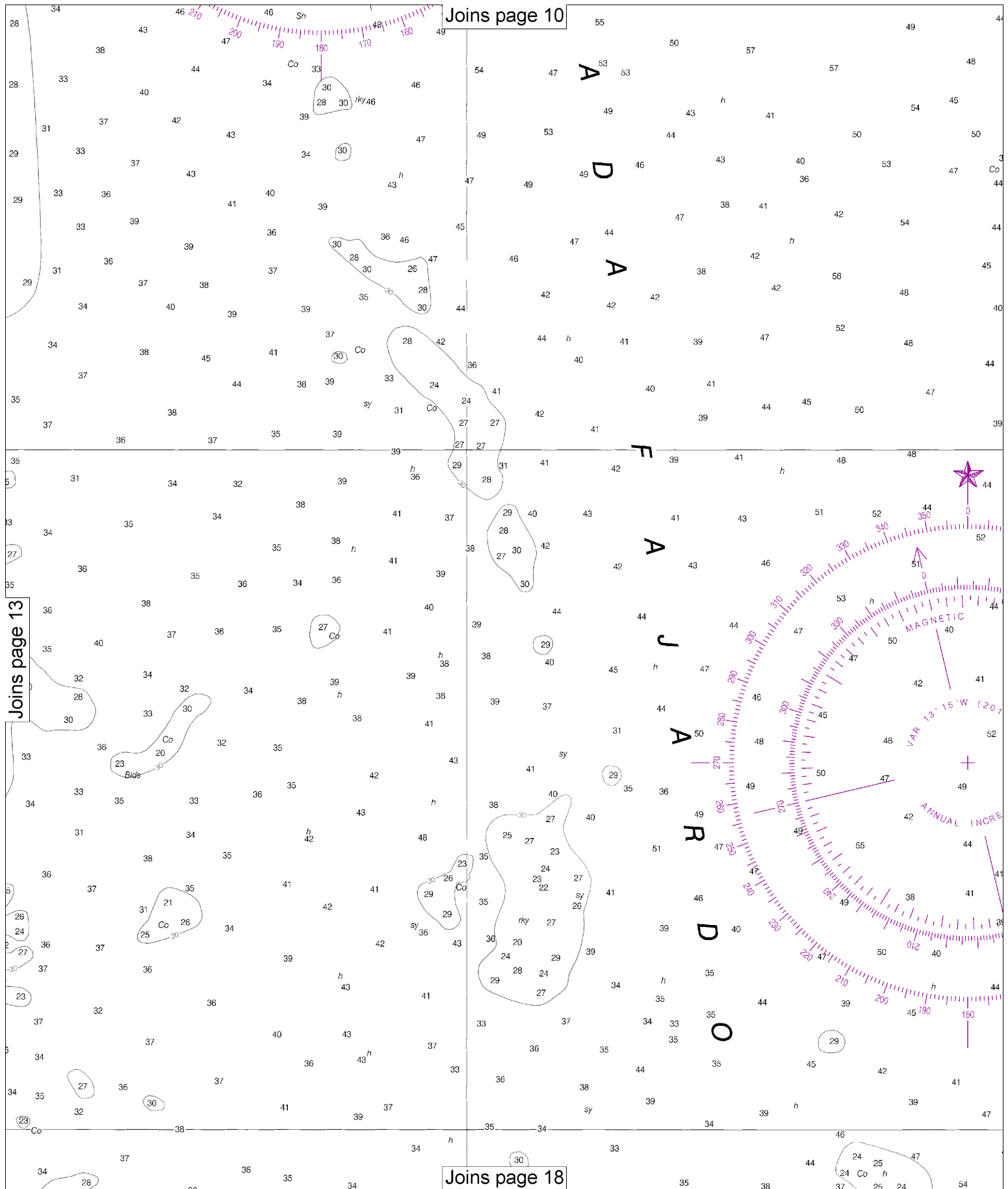
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Nautical Miles

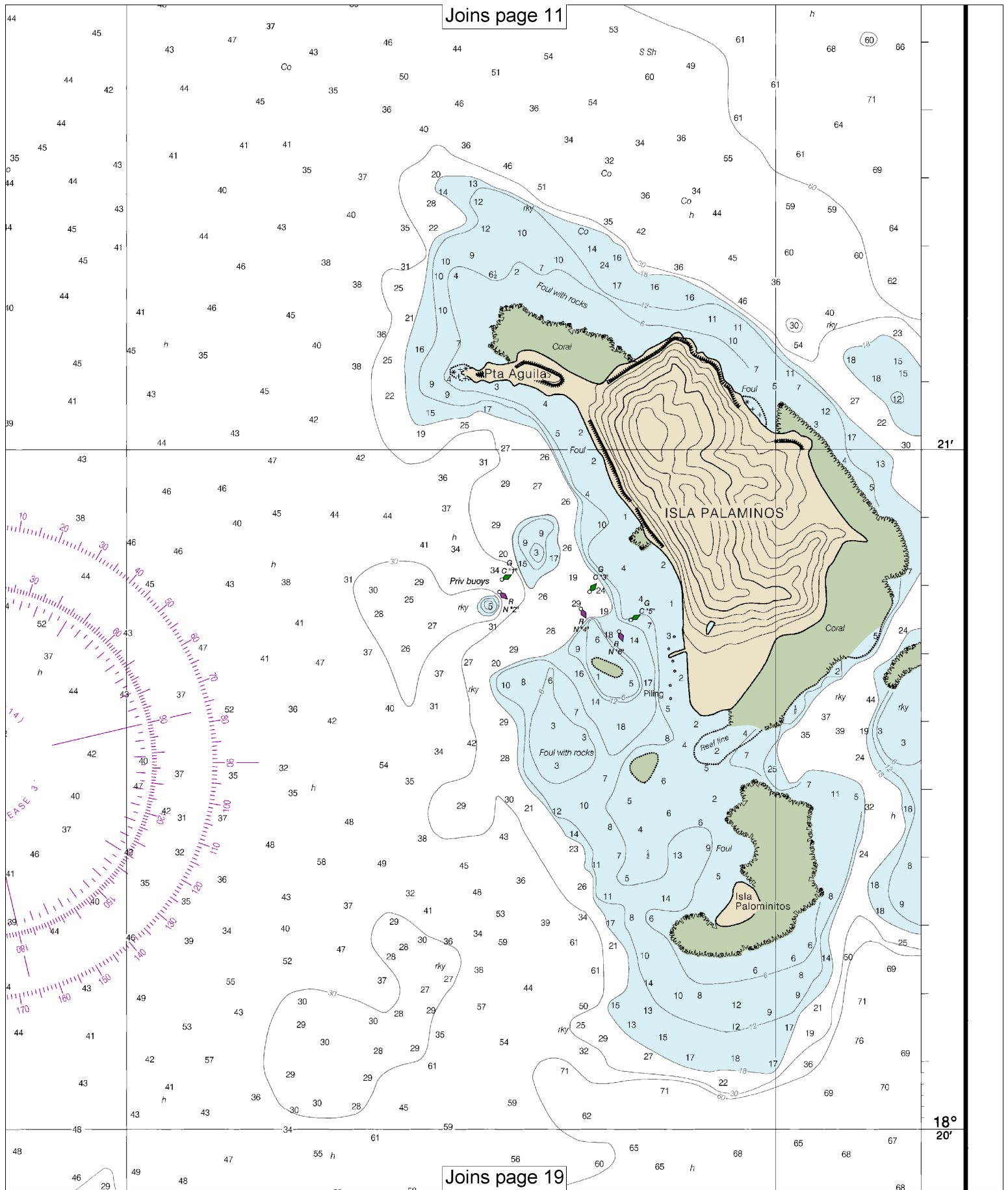
See Note on page 5.

Note: Chart grid lines are aligned with true north.









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Station positions are shown thus:
○ (Accurate location) ◐ (Approximate location)

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

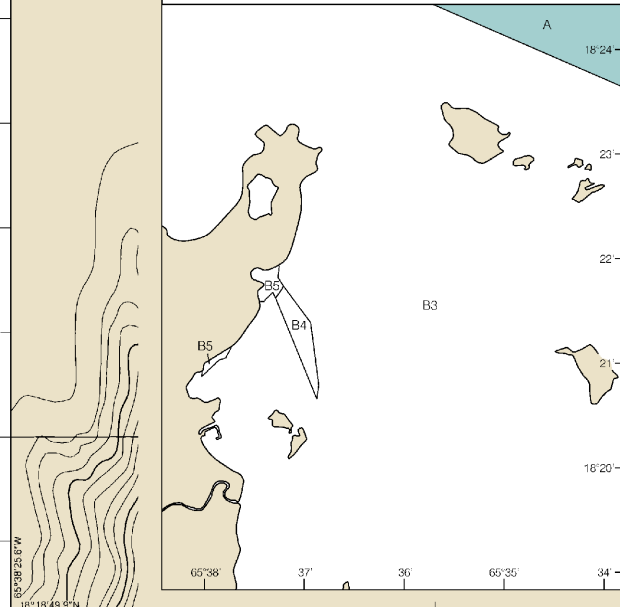
NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Florida, or at the Office of the District Engineer, Corps of Engineers in Jacksonville, Florida.
Refer to charted regulation section numbers.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE

A	1990-2013	NOS Surveys	full bottom coverage
B3	1940-1969	NOS Surveys	partial bottom coverage
B4	1900-1939	NOS Surveys	partial bottom coverage
B5	1850-1899	NOS Surveys	partial bottom coverage



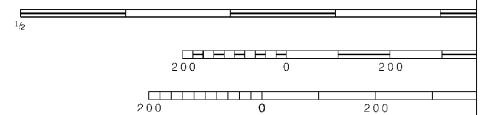
65° 38'

21st Ed., Sep. 2014

25667

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.



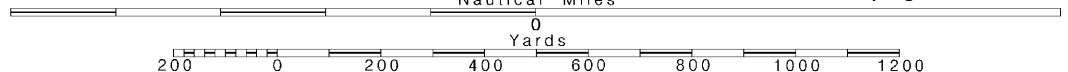
Last Correction: 12/10/2015. Cleared through:
LNM: 2516 (6/21/2016), NM: 2716 (7/2/2016)

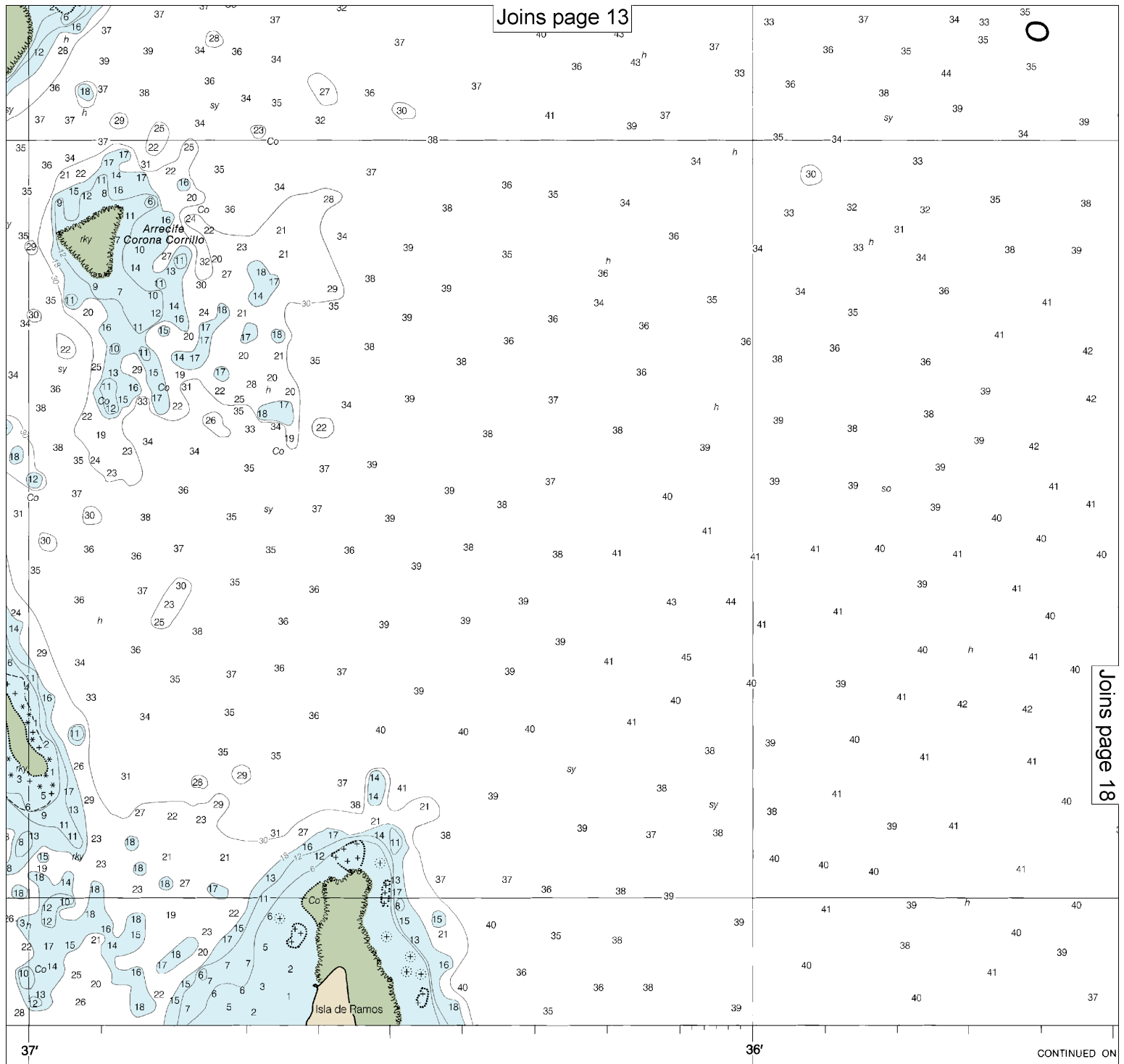
16

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. — SCALE 1:10,000 —

See Note on page 5.





SCALE 1:10,000

Nautical Miles

0 1/2

Yards

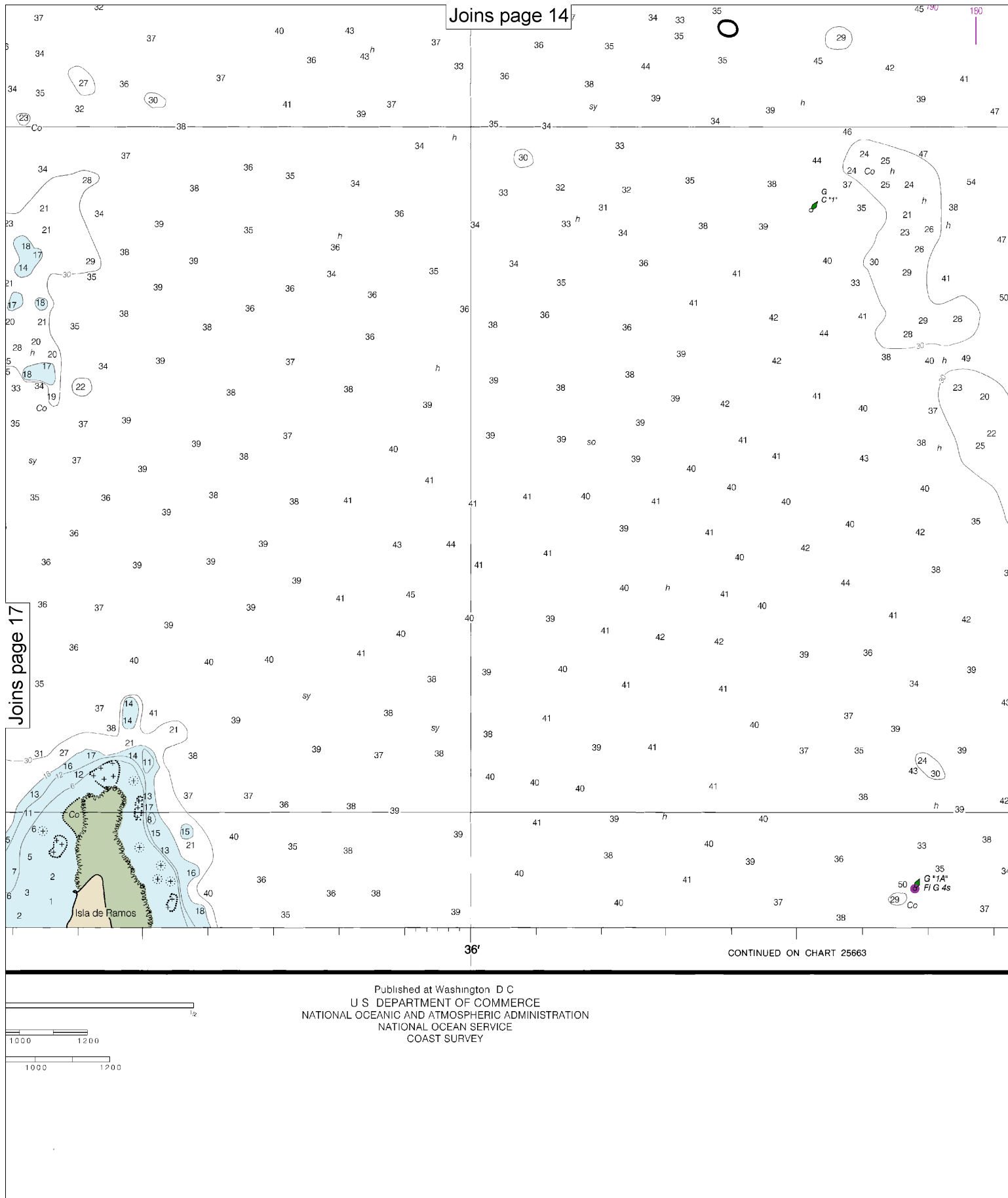
400 600 800 1000 1200

Meters

400 600 800 1000 1200

Published at Washington D C
U S DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

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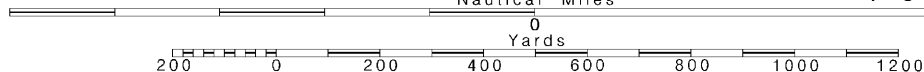


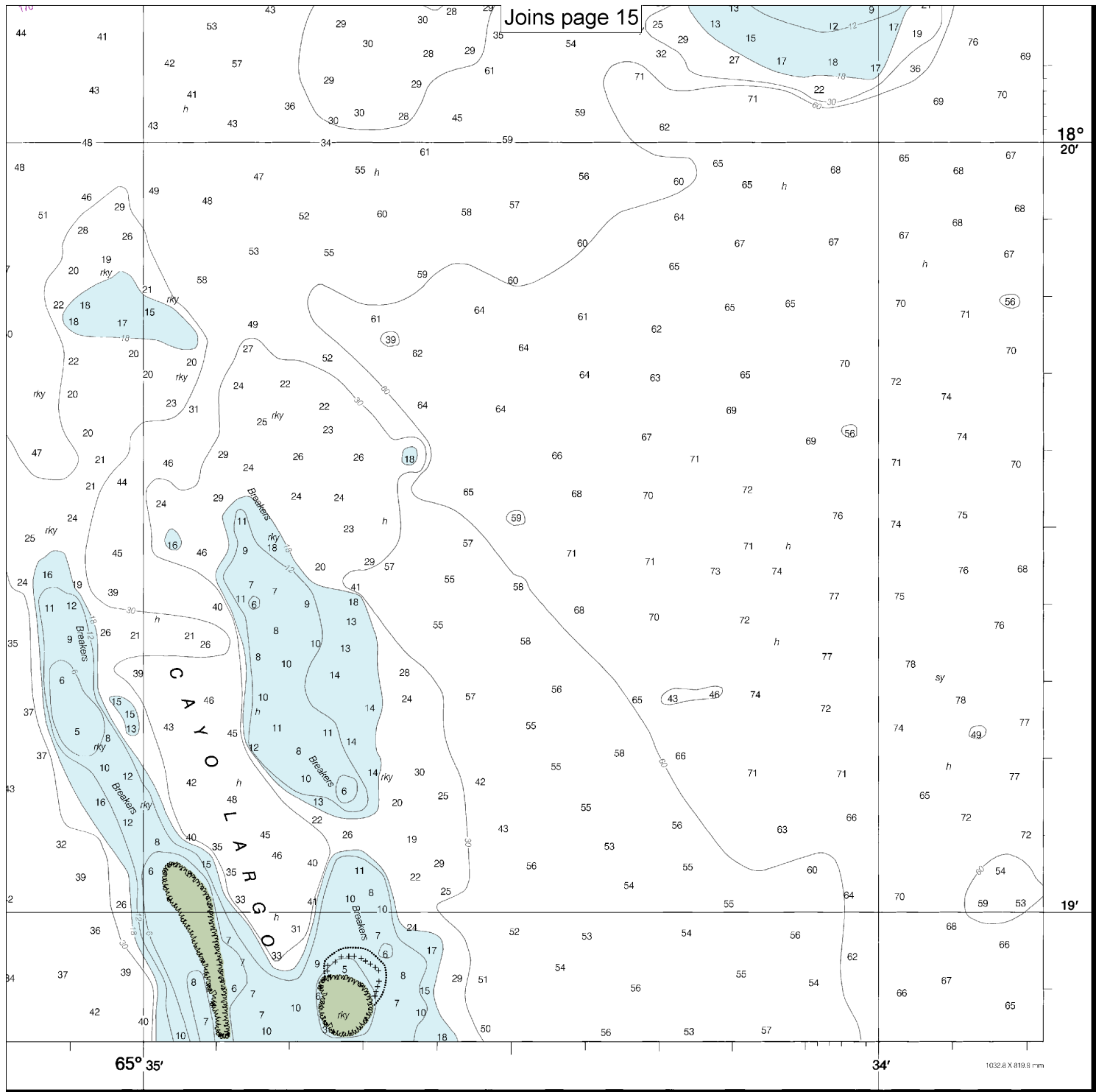
18

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. — SCALE 1:10,000 —

See Note on page 5.





SOUNDINGS IN FEET

Bahia de Fajardo
SOUNDINGS IN FEET - SCALE 1:10,000

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VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

Quick References

Nautical chart related products and information	— http://www.nauticalcharts.noaa.gov
Interactive chart catalog	— http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml
Report a chart discrepancy	— http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx
Chart and chart related inquiries and comments	— http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs
Chart updates (LNM and NM corrections)	— http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html
Coast Pilot online	— http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm
Tides and Currents	— http://tidesandcurrents.noaa.gov
Marine Forecasts	— http://www.nws.noaa.gov/om/marine/home.htm
National Data Buoy Center	— http://www.ndbc.noaa.gov/
NowCoast web portal for coastal conditions	— http://www.nowcoast.noaa.gov/
National Weather Service	— http://www.weather.gov/
National Hurricane Center	— http://www.nhc.noaa.gov/
Pacific Tsunami Warning Center	— http://ptwc.weather.gov/
Contact Us	— http://www.nauticalcharts.noaa.gov/staff/contact.htm



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This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.